HOLSTEIN-FRIESIAN WORLD

WESTERN EDITION

VOL. II. MADISON, WISCONSIN, NOVEMBER 1, 1913. NO. 22.

VIRGO BEAUTY DUKE 24528.

A son of Jewel 2d's Crown Jewel and Virgo Beauty 2d. He is a great grandson of the foundation cow, Jewel. Owned and bred by E. F. Irwin, Richfield, Minn., 1897.

Junior Champion, Minnesota State Fair.....1897
Senior Champion, Minnesota State Fair.....1898
First Prize, Minnesota State Fair.....1899
Second Prize, Minnesota State Fair 1900
Second Prize, Minnesota State Fair 1901
First Prize get of sire, Minnesota State Fair.....1901
Senior Champion, Minnesota State Fair.....1902
First Prize, get of sire, Iowa and Wisconsin State Fair.1902
First Prize get of sire, Minnesota State Fair.....1903
Sire of both Junior Champions.....1903

Want Ad Column

$1.00 per insertion. Send price with copy.

WANTED

Single herdsman for first class Holstein herd. Must have experience in making A. R. O. records, and in raising calves, State experience, age, important records made, and references in first letter, Address **A—Care Holstein-Friesian World, Madison, Wis.**

TEN HEAD CONSIGNED

I have consigned ten head, all females to the Liverpool Sale and Pedigree Co.'s Sale which is to be held on Dec. 2d and 3d, 1913. More about them later. My herd bull is **King of the Pontiacs 4th 56512.**

W. H. HORSTMAN, Schenectady, N. Y.

King Segis Champion 71546

World's record average first prize winner. Greatest breeding and individuality. Service fee $200. Send for plate and pedigree. Choice stock always for sale.

E. C. BRILL

Stewartsville, Warren Co., N. J.

MAPLEHURST FARMS.

Senior herd bull, King Pontiac Canary 78766, brother to Spring Farm Pontiac Lass, 44.15, the new world's champion.

LAMB & LANGWORTHY,
East Hamilton, N. Y.

RIVERSIDE STOCK FARM

offers an H.-F. bull born March 25, 1913. Sire, King Hengerveld Segis whose two nearest dams average 30.47 lbs. Dam, Lily Grace Cornucopia, 29.-06 lbs. butter in seven days.

Write for pedigree and price.

A. W. BROWN & SONS.

West Winfield, New York.

THE STANLEY ENGRAVING CO.

Photo-Engravers Zinc Etchers, Designers.

Half tones, 3x4, at the low price of $1.50. Cuts that will run. Reference this paper. Satisfaction guaranteed Library Bldg., Tioga St. Ithaca. N. Y

BULL---$100

We have no heifers for sale sired by **Johanna McKinley Segis,** but we have one bull by him, dark in color. Born Dec. 18, 1912. A good one for $100.00 to whoever wants him.

HENRY ANTHES,

Jefferson, Wisconsin.

Jenningshurst Stock Farm

Home of RAG APPLE KORNDYKE, the greatest son of PONTIAC KORNDYKE, offers a few choice bull calves.

W. W. JENNINGS TOWANDA, PENN.

TYPEWRITTEN PEDIGREES.

On best quality paper 9½x14 with diagram on back.

No. 1, Outline pedigree, 14 ancestors.. ..... .25c
No. 2, 14 ancestors and Blue Book records (3 for $1.00) ..... .35c
No. 3, 14 ancestors with records up to date ..... .50c
No. 4, 14 ancestors with Blue Book records (Filled-in ped. in 2 colors).. .60c
No. 5, 14 ancestors with rec. up-to-date (Filled-in pedigrees in 2 colors) .75c
Carbon copies 10c each. Blue Book records taken from latest volume.

When ordering give name and number of sire and dam of animals not registered and those having numbers above 178946 in cows, and 95236 in bulls. For printed samples in miniature form and prices on Sale Catalogs, address **F. G. Johnston, 37 W. Lane Ave., Columbus, Ohio.**

HERD SIRES

Korndyke Pontiac Pet, No. 55995 — Sire, Pontiac Korndyke. Dam, Pontiac Pet. Butter, 37.68.

Clarissa Pietertje Ponto, No. 73616 — Sire, Lewis Prilly Rouble Hartog. Dam, Clarissa Clothilde Pietertje. Butter, 32.52.

ISAAC DALRYMPLE & SON OTSELIC, N. Y.

COUNTRY LIFE FARM

OFFERS BULL CALF

Four months old that is large, straight, and about evenly marked. Sire is Artis De Kol Walker 2nd, whose dam, Buttercup Clothilde Pietertje, has an A. R. O. record for 7 days of 32.91 lbs. butter and a 30-day record of nearly 130 lbs. She is the only cow of the breed with a 30-lb. record that is the dam of a 30-lb. cow who in turn has produced a 30-lb. daughter; three generations of 30-lb. cows. Dam is Annie Mooney De Kol with an A. R. O record for 7 days of 25.5. She is a fine, large cow of wonderful capacity and will surely make 30-lbs. barring accidents. The two nearest dams of this calf average for 7 days, 29.205 lbs. butter, and I will sell him registered, transferred, crated and f. o. b. the cars for $200.

HARRY D. WHEELER, West Winfield, N. Y.

SAINT LAWRENCE VALLEY FARMS

CONSTABLE, N. Y.
HERD SIRES

Prince Segis Korndyke 7th—Sire, Prince Segis Korndyke.
Dam, Duchess Hengerveld, 24.90 lbs. butter in 7 days at 4 yrs.
Sir Korndyke Manor De Kol—Sire, Pontiac Korndyke
Dam, Fairview Manor Korndyke, 27.82 lbs. butter in 7 days at three years, average per cent fat, 4.49. (t.f.)
Bull calves from A. R. O. dams for sale.

R. C. WILSON & SON, Proprietors.

FOR SALE

A 25-lb bull ready for service, also a bull calf from a 20.336-lb. dam, and one from 17.5-lb. Jr. two-yr.-old heifer and others with World's Record blood on both sides. Address,

Reliance Stock Farm

W. H. Ascott, Prop. Sparta, Wis:

SPRINGVALE STOCK FARM

HOME OF THE JOHANNAS.

Bull calves all sold except one son of Colantha Johanna Champion and out of a 27-lb. Junior four-year-old dam. He was born April 4th, 1913. Very attractive color and an excellent youngster individually.

Dam and dam of sire average 31.4 lbs. butter in 7 days.

W. J. GILLETT & SON,

Rosendale, Wisconsin.

Milford Meadows Stock Farm

HOLSTEINS

FAVILL GROVE, LAKE MILLS, WIS.

Breeders of staple cattle from high porducing families. Developers under normal conditions. Some surplus usually on hand.

H. B. Favill, Prop., H. W. Faville, Mgr.

FOR SALE

25 Young Cows (choice of 40).
Five Yearling Bulls.
HERD BULLS:—
Changeling Butter Boy 41398.
Sir Maida Piebe De Kol 66797.
Tidy Abbekerk Prince 37770.
Dutchlawn Empress Sir Hengerveld 102766.

Address **GEO. F. BLEWER, Est., Newark Valley, N. Y.**

Holstein-Friesian World

VOL. X. MADISON, WISCONSIN, NOVEMBER 1, 1913. NO. 44.

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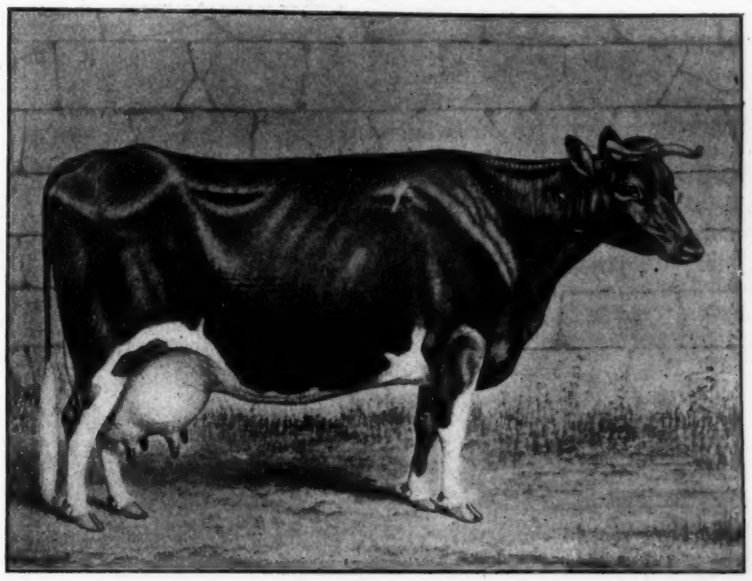


ECHO 121 H. H. B.

Owned and bred by Gerrit S. Miller, Peterborough, N. Y. Sire Rip Van Winkle; dam, Crown Princess, both imported from West Friesland by Gerrit S. Miller, 1869.

ECHO, JAMAICA AND JEWEL

By M. S. Prescott

Echo No. 121 H. H. B

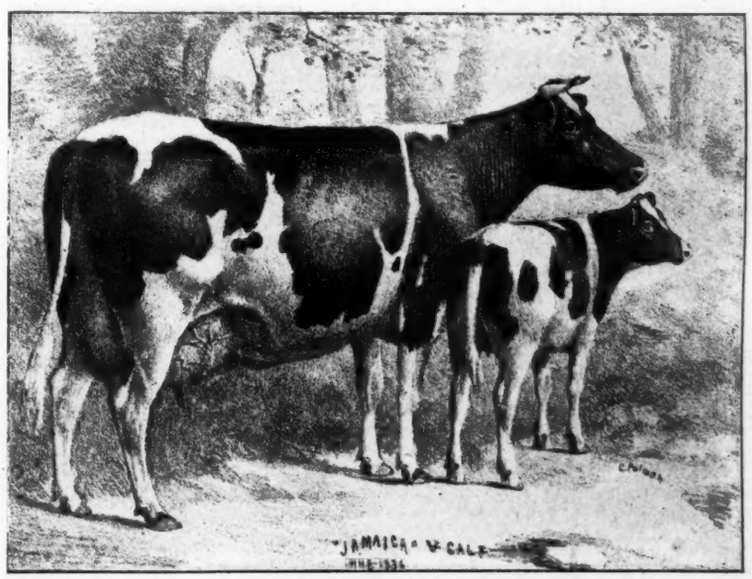
Echo was bred raised and developed by Gerritt S Miller, Peterboro, N. Y. Born Sept. 21, 1873, she was sired by Rip Van Winkle (35 H. H. B.) and from Crown Princess (6 H. H. B.). Crown Princess was one of the first cows of the breed in America to make a noteworthy record. In the six years from 1870 1876 she produced 61,112 lbs milk—a showing at that time unprecedented

In 1879 the World's milk record was broken by Aegis, a daughter of Rip Van Winkle. In three hundred sixty-five days she produced 16,823 lb. 10 oz. milk. At this time Aegis was the only great record cow that was domestic bred.

In 1882 Echo came to the front with a year's production of 18,120 lb. 8 oz., and after a brief rest, raised the mark still higher, producing 23 775 lb. 8 oz. in the year These records went a long way toward attracting public attention to the breed.

The best son of Echo is Echo's Prince of Wayne. From him is descended Count Echo De Kol who has thirteen daughters in the Canadian Record of Merit, this number including:

May Echo	31 34
Milk	726 60
Butter, 1 year	1,042 05
Milk	23,707 00
(Canadian Year's Records for both butter and milk)	
Dolly Echo De Kol	25 77



JAMAICA AND CALF 1336 H. H. B.

Dropped second calf at 3 years, 9 months. Milk 112 pounds, 2 oz. in one day, 3039 lbs., 3 oz. in 31 consecutive days, 19546 lbs. in one year.
Imported in November, 1880, by J. D. Herklots, New York City.

Duchess Echo De Kol 4½ y	24 67
Rosa Omega	23 51

Other good descendants of Echo are:

Bonnie Echo De Kol 2nd	28 69
Ianthe Jewel Mechthilde	27 51
Korndyke Segis	27 48
Colanthus Segis	26 16

Jamaica

Jamaica No. 1336 H. was bred by J. S. Brouwers, Corujum, Friesland, born March 2, 1880 and imported in November 1880 by J. D. Herklotz, New York City, for J. N Robins, Long Island, N. Y. It was in the herd of John Mitchell, Vail's Gate, N. Y. that her reputation was achieved. As a 3-yr-old she made the following records, which were unofficial, although well verified:

Milk 1 day	112 lb	2 oz.
Milk 31 days	3,039 lb	3 oz
Milk 1 year	19,546 lb.	15 oz.

These records have been surpassed by but few heifers of her age. Individually she represents the true Holstein-Friesian type In fact her likeness with that of her daughter appears on the official trade mark of the Holstein-Friesian Association of America.

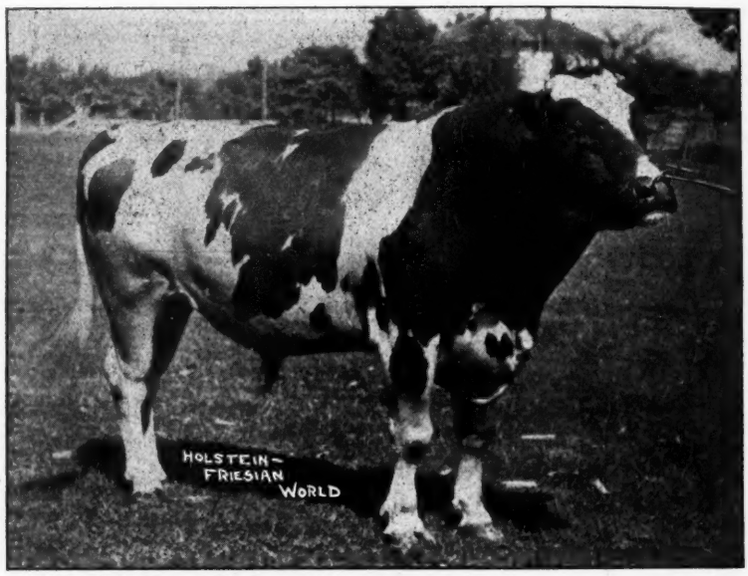
The present day descendants of this remarkable cow are rather limited in number. Perhaps the nearest relative is Jamaica Mag, 46698, a great, great, granddaughter owned by W. T. Snider, Newburgh, N. Y. She was born August 21, 1897 and has just freshened at the age of over sixteen years. Several of the descendants of Jamaica were owned by Messrs. Gardner & Misner, Centerville Station, N. Y. One of these was the 18-lb. cow, Jamaica Veeman, who has four A. R. O. daughters with records of 17 lb. a 34 mo., 19 lb. at 3 years, 20 lb. at 4½ years and 22 lb. at 3½ years. Another was Pauline Jamaica De Kol 3d (30.7 lb. at 3½ years) who formerly held the World's 7-day record in her class, and who was sold in public sale for $2,600,00. A photograph of one of her sons, Sir Jamaica Woodcrest, is shown in this issue of the World. One of his daughters was a prize winner at the New York State Fair, 1913.

JEWEL 668 H. H. B

One of the best of the early foundation cows was Jewel. Like many of the other great cows of her time she was imported from North Holland, being bred by C. Keiser, Alkmaar. She was born April 1878, and imported in December of the same year by George E. Brown & Co., Aurora, Ill. for T. C. Maxwell & Brothers, Geneva, N. Y.

WOODLAWN FARM COMPANY'S SECOND ANNUAL SALE OCT. 21-22, STERLING, ILL.

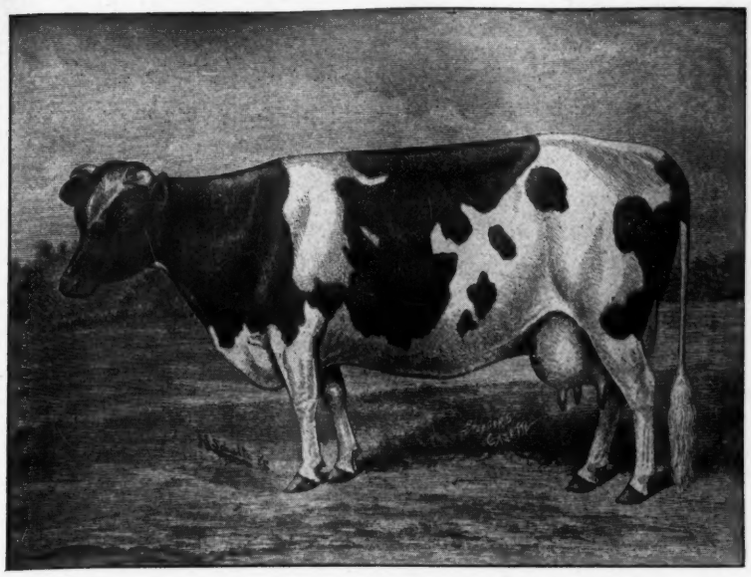
Animal.	Buyer.	Price.
Duke Pietertje Deane, Ref Sire, 2y.,	E. C. Carlson, Milan, Ill.	$ 200
Goshen Sadie Vale, 4 y.,	A. N. Knowles, St. Louis, Mo	380
Aaggie Netherland Carlotta A 3d, 5 y.,	J. W. Miller, Savannah, Ill	200
Dusky Cordova Luelia, 2 yrs.,	J. W. Miller, Savannah, Ill.	180
Beth De Kol Clothilde of Deerhaunt, 5 y,	F. L. Gilon, Harvard Ill	160
Deerhaunt Princess De Kol, 4 y,	Paul Galt, Sterling, Ill.	125
Woodlawn Prince Cornucopia Segis, 11 m,	H. G. Miller, Rosefale, I.	185
Mercedes of Deerhaunt, 5 y,	J. H. Saur, Chadwick, Ill.	125
Deerhaunt Pietertje Korndyke, 4 y,	P. P. Lewis, St. Louis, Mo.	110
Lady Jane De Kol, 8 y	E. A Miller, Kansas City Mo.	400
Porzina Pontiac McGregor, 2 y,	G. B Buck, Sunny Hill, Ill.	125
Winsome Mamie Princess, 8 y,	J. E. Jones, Lexington, Ill.	165
Aaggie Lulu Clothilde, 8 y,	P. P. Lewis, St. Louis, Mo.	150
Pauline Korndyke De Kol, 10 y,	Geo.B. Buck, Sunny Hill Ill.	145
Princess Pauline Orwell Paul, 7 y,	P. P. Lewis, St. Louis, Mo.	145
Woodlawn Kuperus Cornucopia, 1 y,	Geo. R. Herbert, Cuba, Ill.	225
Rosa Alcina Hengerveld 2d, 3 y,	P. P. Lewis, St. Louis, Mo.	175
Maggie Mercedes Vriend, 3 y,	P. P. Lewis, St. Louis, Mo.	125
Pauline Winsome De Witt, 6 y,	Dr. C. E. Powell, Polo, Ill.	245
Kathleen McGregor, 6 y,	Geo. D. Brown, Polo, Ill.	150



SIR JAMAICA WOODCREST 61940.

A son of Hartog De Kol and Pauline Jamaica De Kol 3d, who is seven generations removed from the Foundation cow Jamaica imported in 1880 by J. N. Robins, Northport (L. I.) N. Y. The dam of this bull has a 30.70 lb. record at 3 years, 8 month Owned by P. Rupright, Maysville, Ohio. Weight of bull, 2,200 lbs. at 4 years.

Lady Manor De Kol Burke, 7 y, P. P. Lewis, St. Louis, Mo.	200
Marjorie of Elm Hill, 5 y, Dr. C. E. Powell, Polo, Ill.	175
Alice of Elm Hill Farm, P. P. Lewis, St. Louis, Mo.	250
Louis De Kraft Korndyke, 2 y, B. F. Gerkin, Eau Claire, Ia.	100
Silvia Beemster Korndyke, 1 y, J. C. Howard, Russell, Ill.	215
Howland Nina Burke, 7 y, S. B. Davis, Genoa, Neb.	300
Rosalie Queen De Kol, 5 y, F. W. Dillon, Harmon, Ill.	190
Woodlawn Sir Ophelia Cornucopia, 4 m, Frank Baker, Davenport, Ia.	75
Woodlawn Daisy Cornucopia, 4 y, S. B. Davis, Genoa, Neb.	580
Woodlawn Sadie Cornucopia, 4 y, Geo. R. Herbert, Cuba, Ill.	550
Goshen Edith De Kol, 3 y, S. B. Davis, Genoa, Neb.	450
Jennie Pledge 4th, 9 y, C. A. Scott, Milwaukee, Wis.	500
Woodlawn Pledge Segis, 8 m, W. M. Warner, Chadwick, Ill.	125
Ideliah Hartog De Kol, 6 y W. M. Warner, Chadwick, Ill.	125
Pride Beauty, 6 y, P. P. Lewis, St. Louis, Mo.	250
Helena Burke De Kol 4th, 15 y, A. N. Knowles, St. Louis, Mo.	250
Fannie Winsome Dewitt, 3 y, P. P. Lewis, St. Louis, Mo.	200



SHADELAND BOON 8887 H. H. B.
Milk, 69 lbs., 5 oz in one day; 1946 lbs., 6 oz. in 30 days. Butter, at 6 years, 31 lbs., 15½ oz. in seven days; 125 lbs. 12oz. in 31 days.

Lady De Kol Princess, 10 y, Dr. Powell, Polo, Ill.	225
Portia De Kol, 9 y, M. F. Carrol, Epworth, Ia.	165
Woodlawn Segis Tula, 6 m, C. M. Kingery, Chadwick, Ill.	125
Woodlawn Tula Cornucopia, 3 y, J. L. Moore, St. Paul, Minn.	500
Woodlawn Bawn Netherland, 4 y, S. B. Davis, Genoa, Neb.	600
Woodlawn Daisy Goshen Cornucopia, 3 y, R. E. Heatwold, Brooklyn	380
Prilly Hengerveld Walker, 4 y, Frank Baker, Davenport, Ia.	325
Pauline De Kol Beauty 2d, 5 y, C. H. Swartz, Dixon, Ill.	300
Clothilde Pride Burke, 6 y, S. B. Davis, Genoa, Neb.	300
Agatha Lucelia Tula, 10 y, C. M. Kingery, Chadwick, Ill.	230
Deerhaunt Pontiac Clothilde, 3 y, M. F. Carroll, Epworth, Ia.	150
Deerhaunt Clothilde Korndyke, 3 y, B. E. Gerkin, Eau Claire, Ia.	90
Laura De Kol McGregor, 4 y, T. W. Blackman, Weleetka, Okl.	175
Countess Tula Beatrice Serida, 10 y, C. M. Kingery, Chadwick, Ill.	265
Calliopsis Wayne, 3 y C. A. Scott, Milwaukee, Wis.	350
Ruth Nudine De Kol Clothilde, 10 y, J. H. Saur, Chadwick, Ill.	200
Woodlawn Johanna Cornucopia, 3 y, A. N. Knowles, St. Louis, Mo.	500
Woodlawn Cornucopia Jennie, 4 y, P. P. Lewis, St. Louis, Mo.	300
Woodlawn Cornucopia Fox, 3 y, R. O. Heatwold, Brooklyn, Ia.	.....

Her records (unofficial) are as follows:

Butter 7 days ..... 31 lb.3½ oz.
Butter 1 day ..... 5 lb.2 oz.
Milk 1 day ..... 100 lb.

In public competition at the leading fairs of the West she achieved a wide reputation winning First Prizes in several instances.

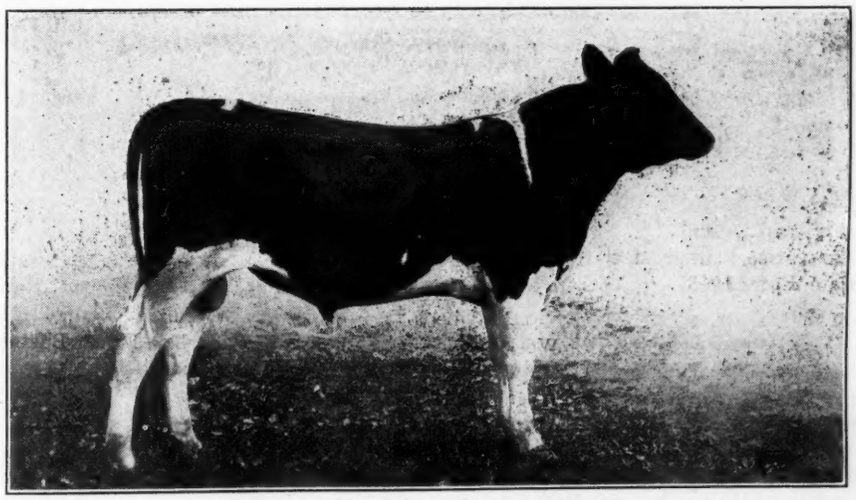
Her development took place in the herd of the Home Farm Company, Hampton, Ia.

Jewel is the dam of Jewel 2d (27 lb. 13 oz.) who was a First Prize Winner in the butter tests at the Nebraska State Fair 1889. Jewel 3d, another daughter of Jewel, produced 2,376 lb. 3 oz. milk in thirty-one days.

The Jewel family seems to be remarkably good individually. The noted Minnesota sire and show bull, Virgo Beauty Duke, traces twice to Jewel. He has a wonderful show ring record and has transmitted these desirable qualities to his offspring to a marked degree One of his daughters, Fay Jewel Beauty, was Grand Champion at the National Dairy Show two years ago, and at the Iowa Dairy Cattle Congress in 1912.

Another descendant of Jewel that has won fame in the show ring is Jewel of Home Farm, who went undefeated around the western circuit for several years. He is grandsire of the former World's Champion 3-yr-old, Hazlewood Aaggie De Kol (34.9 lb.) who has likewise been a great show ring winner on the Pacific Coast.

In writing advertisers mention the *World*.



WOODCREST JAMAICA PIETJE.
A son of Sir Jamaica Woodcrest and Pietje 22d. Owned by W. T. Snider, Newburg, New York.

FARM HOUSE LIGHTING FROM AUTOMOBILE

The farmer who possesses an automobile with an electric self-starter may have electric lights on his premises without any additional expense. The small battery which is used to operate the motor when cranking the car can be connected onto the house-lighting system, and will furnish all the light necessary for the home without injuring the battery. No attempt should be made to operate heating apparatus from this battery.

FRED J. RANKIN.

Colorado Agricultuarl College,
Fort Collins, Colorado.

DISTILLERY GRAINS

Distillery refuse is sold in two forms, as slop and in the dried state. In the process of distillation, the refuse is warmed causing fermentation and for this reason, the slop is available to only such dairymen as live near a distillery, as it must be drawn every day. It is an extremely digestible and appetizing food for milch cows and swine but is not good for horses or sheep. Animals take on flesh rapidly when fed all they can eat of the slop. For milch cows, the slop should not form more than one-third the dry matter of the ration.

The dried distillery grains are available to all dairymen and are almost a necessity, being one of the very best of feeds for milk production. Cows can be fed the grains in any quantity without injury. Rye distillery grains are less digestible and contain less protein than those from corn. Most of the distillery grains are from corn and this product should contain not less than 30 per cent protein. Experiments conducted with four milch cows indicated that the dried distillery grains are superior to oats as a milk producer. The cows were fed hay and roots in addition to the grains. The experiment credited the dried distillery grains with producing 12 per cent more milk and 9 per cent more fat than oats.

CO-OPERATION IN SILO BUILDING

Community building of silos is steadily gaining in popularity in Wisconsin. The farmers of this state are realizing more keenly than ever that co-operation in such matters will reduce the cost of building. Within the past year there has been an increased demand made upon the engineering department of the College of Agriculture of the University of Wisconsin for the use of forms used in the construction of concrete silos. The department furnishes these

Woodlawn Cornucopia Velma, 4 y, Frank Baker, Davenport, Ia.	410
Lee Twisk, 11 y, H. W. Hay, Polo, Ill.	300
Arlean Colantha McGregor, 4 y, P. P. Lewis, St. Louis, Mo.	250
Deerhaunt Grace Pontiac Korndyke, 4 y, Dr. C. E. Powell, Polo, Ill.	130
Winsome Marcia Beemster, 5 y, D. W. Eddy, Colo, Ia.	260
Alta Clothilde Beemster, 5 y, Frank Baker, Davenport, Ia.	180
Tina Mercedes Keyes, 6 y. B. A. Miller, Kansas City, Mo.	425
Woodlawn Segis William, 7 m, Paul Galt, Sterling, Ill.	80
Teresa 6th's De Kol 2d, 4 y, P. P. Lewis, St. Louis, Ill.	300
Bertha Tula Merdu De Kol, 6 y, J. M. Deets, Sterling, Ill.	155
Christian Tula De Kol, 4 y, Wm. Warner, Chadwick, Ill.	175
Grace Korndyke of Mapleside, 6 y, Paul Galt, Sterling, Ill.	125
Mapleside Queen 2d, 6 y, C. M. Kingery, Chadwick, Ill.	180
De Kol Hengerveld Model, 3 y, C. A. Scott, Milwaukee, Wis.	400
Mapleside Queen 4th, 4 y, P. P. Lewis, St. Louis, Mo.	275
Molly Hatch Concordia, 7 y, P. P. Lewis, St. Louis, Mo.	200
Netherland Goldust 3d, A. W. Miller, Savannah, Ill.	150
Belle Wakatomica Karel Korndyke, 1 y, E. Carlson, Milan, Ill.	130
Freerje Lyons 3d Johanna, 4 y, Dr. C. E. Powell, Polo, Ill	235
Maud of Mapleside, 6 y, J. E. Ainsworth.	150
Pauline Deane 4th De Kol, 4 y, C. V. Swartz, Dixon, Ill.	235
Deerhaunt Duchess Korndyke, 1 y, A. W. Millar, Savannah, Ill.	170
Deerhaunt Pontiac Korndyke Girl, 3 y, E. Carlson, Milan, Ill.	150
Cora Ophelia, 6 y, P. P. Lewis, St. Louis, Mo.	270
Countess Elvenah Idlewild, 3 y, P. P. Lewis, St. Louis, Mo.	195
Tula Lucelia Idlewild, 2 y, Enoch Carlson, Milan, Ill.	280
Eva Deane, 11 y, Dr. C. E. Powell, Polo, Ill.	240
Topsy Pietertje Pauline De Kol, 1 y, H. G. Miller, Rosedale, Ind.	200
Pauline Beauty Pietertjje, 1 y, E. W. Eddy, Colo, Ia.	160
Sadie Wayne Pietertje, 4 y, P. P. Lewis, St. Louis, Mo.	350
Fairmount Daisy Uilkje, 5 y, E. J. Ray, Kewanee, Ill.	475
Flora Cinderalla, 3 y, Geo. R. Herbert, Cuba, Ill.	300
Lily Cornucopia Beets, 5 y, C. B. Swartz, Dixon, Ill.	305
Madrigal Judge Beets, 2 y, Paul Galt, Sterling, Ill.	95
Lily Cornucopia Beets, 5 y, C. B. Swartz, Dixon, Ill.	305
Daisy Maud Beatrice De Kol, 7 y, Bert Irwin, Mt. Carroll, Ill.	285
Daisy Maud Beatrice De Kol 2d, 2 y, P. P. Lewis, St. Louis, Mo.	335
Tula De Kol Deane, 3 y, A. W. Miller, Savannah, Ill.	205
Ella McCrea Deane, 5 y, P. P. Lewis, St. Louis, Mo.	275
Clothilde Winsome Korndyke, 3 y, Frank Baker, Davenport, Ia.	370
Mettowee Lola DeKraft De Kol, 1 y, W. P. Utley, Steerling, Ill.	115
Mettowee Marcia Spofford, 11 m, W. P. Utley, Sterling, Ill.	125
Mettowee May Woldorf Spofford, 11 m, W. P. Utley, Sterling, Ill.	120
Mettowee Theodora De Kol, 1 y, P. P. Lewis, St. Louis, Mo.	100
Heifer, Geo. D. Brown, Polo, Ill.	165
Heifer, S. B Davis, Genoa, Neb.	370
Heifer, S. V. Swartz, Dixon, Ill.	175
Cow, Geo. Herbert, Cuba, Ill.	520
Heifer, H. G. Miller, Rosedale, Ind.	100
Heifer, W. P. Utley, Sterling Ill.	110
Cow, C. M. Kingery, Chadwick, Ill.	365
Cow, Frank Baker, Davenport, Ia.	355
106 animals brought	$ 25,455
Average	240

THE MC HENRY CO. SALE

HELD OCT. 23D AT WOODSTOCK, ILL.

CONSIGNED BY A. D. CORNUE, HEBRON, ILLINOIS.

Animal.	Buyer.	Price.
Netherland Goldust 3d, A. W. Miller, Savannah, Ill.		150
Cornucopia Monee Belle, 3 y, F. E. Martin, McHenry, Ill.	$	150
Monee Belle, 2 y, P. J. Weter, Hebron, Ill.		300
Minnie May Colantha, 2 y, P. J. Weter, Hebron, Ill.		150
Cow, P. J. Weter, Hebron, Ill.		200
Ellide Cornucopia De Kol, 3 y, C. H. Nevens, Winnebago, Ill.		220
Ellide De Kol, 2 y, C. H. Nevens, Winnebago, Ill.		200
Bertha Cornucopia, 2 y, Edson Cash, Lawrence, Ill.		200
Bertha Baker, 2 y, P. J. Weter, Hebron, Ill.		175
Maria Aaggie Cornucopia, 4 y, John Hetts, Ft. Atkinson, Wis.		200

Animal.	Buyer.	Price.
Maria Aaggie Pietertje, 6 y,	R. E. Haeger, Algonquin, Ill.	180
Maria Aaggie Pietertje, 3 y,	P. J. Weter, Hebron, Ill.	195
Meadow Lawn Pauline 2d, 2 y,	R. E. Haeger, Algonquin, Ill.	205
Tet Canary, 5	John Hetts, Ft. Atkinson, Wis.	240
De Kol Jewel Lady Pontiac, 2 y,	R. E. Haeger, Algonquin, Ill.	215
Daisy Snowball De Kol, 4 y,	Edson Cash, Lawrence, Ill.	200
Maud Van Beers Aiken, 3 y	J. F. Peacock, Woodstock, Ill.	235
Marjoram Catrena Beets, 3 y,	R. E. Haeger, Algonquin, Illl.	230
Tina Rector De Kol 5 y,	Claude Hutson, McHenry, Ill.	135
Lady Korndyke Golden Glow, 4 y,	Fred B. McConnell, Woodstock I.	250
De Kol Kathleen 2d, 2 y,	Bruce L. Jones, Union, Ill.	245
20 head brought		$ 4,225
Average		211
CONSIGNED BY H. C. LA BREE, HARVARD, ILL.		
Florence Herbert Josephine 4th, 9 y,	Vic Guilliams, Newport, Ind.	170
Lassie Alice Machthilde, 7 y,	L. W. Thompson, Woodstock, Ill.	110
LaBelle Snowball, 6 y,	Jules Baron, Pevely, Mo.	180
Male,	N. B. Clawson, Alden, Ill.	60
CONSIGNED BY E. S. SMITH, HARVARD, ILL.		
Madrigal Whitney, 7 y,	N. B. Clawson, Ill.	150
Lady Aaggie Echo Bos, 3 y,	E. H. Ocock, Union, Ill.	185
Queen Bos De Kol, 5 y,	H. R. Grover, McHenry, Ill.	175
Daisy Queen of Daisy Lawn 3d,	Ryan Bros., Hebron, Ill.	110
CONSIGNED BY CLAYTON C. HARRISON, RINGWOOD, ILL.		
Queen Power's Korndyke, 4 y,	F. E. Martin, McHenry, Ill.	115
Minnie Parthenea, 6 y,	Fred B. McConnell, Woodstock, Ill.	300
Lady Artis De Kol, 9 y,	L. W. Thompson, Woodstock, Ill.	95
8 head brought		$ 1,190
Average		149
CONSIGNED BY C. W. HARRISON & SON, RINGWOOD, ILL.		
Clothilde Korndyke De Kol, 3 y,	Chris Swartz, Sharon, Ill.	170
Pauline De Kol Queen, 11 y,	L. W. Thompson, Woodstock, Ill.	125
Flora Oak Lawn De Kol 2d, 8 y,	L. W. Thompson, Woodstock, Ill.	155
Dora Rue, 4 y,	L. W. Thompson, Woodstock, Ill.	155
Flora Oak Lawn Hengerveld, 3 y,	R. E. Corlett, Harvard, Ill.	185
Male, 10 m,	Theo. M. Smith, Auburn, Ill.	125
CONSIGNED BY FRED N. TURNER, HEBRON, ILL.		
Columbo Pontiac Elsie, 2 y,	Engstrom Bros., Rockford, Ill.	255
Columbo Pontiac Canary, 2 y,	B. C Hemphill, Dexter, Ia.	250
Columbo Pontiac Elgin, 2 y,	C. H. Nevens, Winnebago, Ill.	265
Sir Columbo Pontiac Forrisy,	H. F. Bandemer, Glen Ellyn, Ill.	200
Columbo Pontiac Forrisy Pietertje, 2 y,	W. Gardner, Solon Mills, I.	300
Columbo Pontiac Juliana, 2 y,	F. C. Hamphill, Dexter, Ia.	300
Julinan Johanna De Kol, 4 y,	Wm. G. Roberts ,Bristol, Wis.	200
Hycinth Mellie De Kol, 4 y,	John Hetts, Ft. Atkinson, Wis.	400
Hazel Nellie De Kol, 3 y,	B. C. Hemphill, Dexter, Ia.	260
Elsie Breeta 2d, 3 y,	B. C. Hemphill, Dexter, Ia.	300
Beauty De Kol of Nebron 2d 4 y,	Fred McConnell, Woodstock, Ill	335
Princess Nudine Bawn De Kol 2d, 1 y,	B. C. Hemphill, Dexter, Ia.	160
Hazel Jewell De Kol,	E . C. Smith, Harvard, Ill.	135
Jessie Vale, 3 y,	C. H. Nevens, Winnebago, Ill.	270
14 head brought		$ 3,630
Average		259
CONSIGNED BY J. H. TURNER, HEBRON, ILL.		
Miss Clara Parthenea De Kol Rue, 3 y,	R. E. Haeger, Algonquin, Ill.	210
Lady Ideal Aaggie 4th, 1 y,	Adamek & Bratzler, Algonquin, Ill	240
Lady Carlotta De Kol Paul, 9 y,	J. C. Ladd, Ringwood, Ill.	150
Lady Hollyhock, 11 y,	Chas. Hutson, McHenry, Ill.	180
Ldol Wild Rose, 11 y,	R. E. Haeger, Algonquin, Ill.	155
Sir Zeffie Pontiac Jewell,	E. S. Smith, Harvard, Ill.	145
Junette Mechthilde, 4 y,	Ryan Bros., Hebron, Ill.	190
Concordia More, 2 y,	Adamek & Bratzer, Algonquin, Ill.	225

(Continued on page 885.)

forms at the rate of $10 each for three silos, $9 where four silos are to be built, and $8 each for five silos.

I think the World is quite a picture book and I like to look it over as soon as I get it.

Yours truly,

JOHN MITTMANN.

Muscatine, Ia.

Horses digest from 11 to 12 per cent less of the dry matter of hay than cows.

Field Notes

An itemized report of the Lake Mills Sale will appear in a future issue.

* * *

The remaining Prescott articles for November are as follows: Nov. 8, Winana, Janek, Spofford and Hartog families; Nov. 15, Pacific Coast Champions; Nov. 22 , Canadian Champions; Nov. 29 Billy Boelyn Parana Abbekerk, Soldene, Pledge and Pleasant Valley Maid.

* * *

Andrew W. Hopkins, well known in Wisconsin as Editor the Wisconsin Farmer and Secretary of Wis. Live Stock Breeders' Association has severed connections with the Wisconsin Farmer and now holds the position of Agricultural Editor at the Agricultural College, University of Wisconsin.

* * *

F. W. Woll, professor in the dairy department of the University of Wisconsin has accepted an important position in the College of Agriculture, University of California. In point of service, Prof Woll is the oldest member of the staff of the Wisconsin College of Agriculture, being first connected with the University in 1887. For 26 years he has contributed much to the dairy and argiculture practice in this and other states.

* * *

Another sale company, known as the New York Breeders Sales Co., has been organized at Syracuse, N. Y. The officers are Floyd Stevens, Lacona, N. Y., president; A. W. Brown, West Winfield, N. Y., vice-president; E. M. Stanton, New Woodstock, N. Y., secretary; Ralph Stevens, Liverpool, N. Y., treasurer. The three directors are: Harry B. Davis, Chester, N. Y., Wing R. Smith, Syracuse, N. Y., and Harry D. Wheeler, West Winfield, N. Y. The company consists of 15 members and is limited to 20. It is the plan of the Company to hold three sales each year at Syracuse.

HOLSTEIN-FRIESIAN WORLD

WESTERN EDITION
A Bi-weekly Journal for the Holstein-Friesian Breeder, the Dairyman and General Farmer.

Entered as second class mail matter February 12, 1912, at the postoffice at Madison, Wisconsin, under the Act of March 3, 1879.

Published in connection with our Eastern, Bi-weekly Edition, entered at the Ithaca (N. Y.) Postoffice as second class mail matter, making the only weekly paper in the world devoted exclusively to the Black and Whites.

Issued on alternate Saturdays from Madison, Wis., and Ithaca, N. Y.

I. S. Brown, B. S. A., Editor Western Edition, 1025 Sherman Ave., Madison, Wis.

C. G. Brown, B. S., B. S. A., Publisher and Editor Eastern Edition, Ithaca, New York.

Assisted by a corps of able contributors.

Subscription price, One Dollar per year in advance.

This entitles the subscriber to receive both Western and Eastern Editions.

Personal checks will be accepted for sums not less than $1.00.

Payments of less than One Dollar may be made in one-cent or two-cent postage stamps.

The date following the address on the wrapper of each paper indicates the time to which subscription is paid.

When a subscriber wishes his subscription discontinued he should notify his nearest office.

Offices of publication, Madison, Wis., and Ithaca, N. Y.

Approved cuts of meritorious Holstein-Friesian animals, when furnished, will be published free of charge.

If Photographs are sent, cuts will be charged for at cost price.

All matter for publication must reach the editor by Tuesday of the week of publication to insure appearance in current issue.

Advertising rates sent on application.

Address your nearest office of publication.

Editorials

Woodlawn Farm Company's Sale.

On the date of October 21st and 22d, we attended the Woodlawn Farm Company's Sale, held at the Farm, owned by Williams Bros., Sterling, Ill.

Exceeding cold weather prevailed during the two days of the sale yet a good crowd was in attendance from many states. It is a well known fact that weather conditions do not greatly effect Holstein-Friesian sales—the cattle are in such demand that nothing hinders the attendance of buyers where a good class of animals are offerred. The animals were generally in good condition and sold well. The 106 hear sold for $25,455, an average of $240, which is credible to a Holstein-Friesian sale.

The top price of the sale, $600 was given by Sam B. Davis of the Indian School, Genoa, Neb., for Woodlawn Bawn Netherland, a 17-lb., three-year-old granddaughter of Aaggie Cornucopia Johanna Lad. George R. Herbert, Cuba, Ill., purchased Wood lawn Sadie Cornucopia, another 17-lb. granddaughter of the same sire, for $550. Fairmont Daisy Uikje, a 17-lb. granddaughter of Hengerveld De Kol, went to E. J. Ray, Kewanee, Ill., for $475. Two other granddaughters of Aaggie Cornucopia Johanna Lad went at $500 each, one a 14-lb. cow was purchased by A. N. Knowles, St. Louis, Mo., the other a 19-lb. cow was purchased by John L. Moore, St. Paul, Minn.; another granddaughter, a nearly 16-lb. cow went to F. Baker, Davenport, Ia., for $410. B. A. Miller, Kansas City, Mo., purchased a 15.44-lb. cow for $425. Numerous other good purchases were made. One of the heaviest buyers P. P. Lewis, St. Louis, Mo. purchased nineteen head for $4,180.

Many offers from $200 to $300 were made by the sale management for heifer calves from the cows sold but to our knowledge no records as to the disposition of the calves was kept by the clerk of the sale. It is obvious that good business demands that record should be kept as to whether the purchaser does or does not desire to return the calf, if a heifer, at the price offered. It is plain that higher prices are paid for animals carrying a calf for which a good price is offered. We cannot help but wonder, in a case where records are not kept, if the sale management will honor all future claims on heifer calves. How about it?

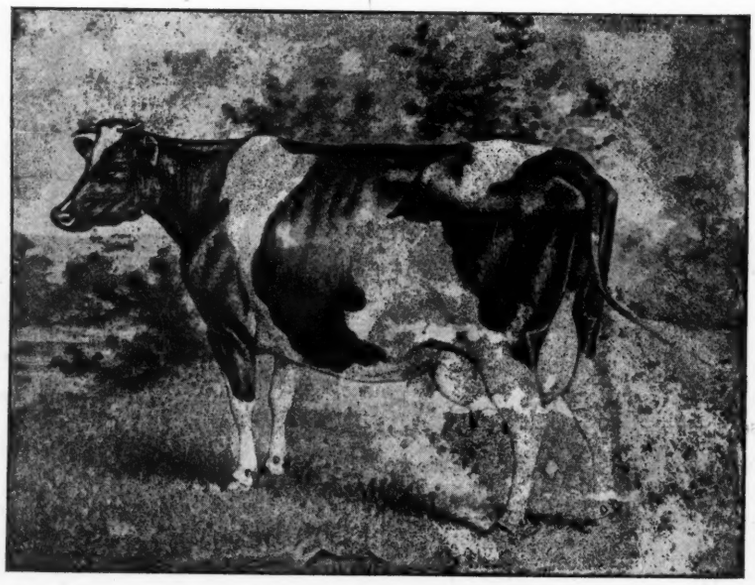
The McHenry County Sale.

On Ocober 23d, the day after the Woodlawn sale, we attended the First Annual Sale of the McHenry County breeders at Woodstock, Ill. A finer day could not have been desired and we have never known a better attendance at any western sale. The sale was conducted rapidly, 90 head being sold in a little over six hours. Though no high prices were obtained, a good, clean sale, managed by T. E. Getzelman of Hampshire, Ill., took place. The top price of $450 was given by J. F. De Yarmond, Marengo, Ill., for Segis Plum a five-year-old daughter of King Segis and with a record of 20 lbs. at two and one-half years. G. E. Adams, Algonquin, Ill., bought a yearling daughter of Pontiac Korndyke for $400. Fred McConnell, Woodstock, Ill., paid $335 for Beauty De Kol of Hebron 2d and Jules Baron, Pevely, Mo., paid $380 for Tettje Soldene Tiona. The 90 head brought $17,240, an average of $191.

The Lake Mills Sale

The Eighth Semi-Annual Consignment Sale of the Lake Mills Holstein-Friesian Breeders took place on October 29th at Lake Mills with a large attendance. A splendid sale resulted. The 104 head brought $24,625, an average of $236 Many well-bred top-notch individuals were sold and excellent bargains obtained.

F. J. Bristol & Sons ,Company had the largest consignment, consisting of thirty head, which sold for $8,145, an average of $271. Three



JEWEL, 668 H. H. B.
Imported from North Holland in Dec., 1878 by Geo. E. Brown & Co., Aurora, Ill., for T. C. Maxwell & Bros., Geneva, N. Y.

animals, two daughters and one son of Johanna McKinley Segis sold for a total of $1,480. Johanna McKinley Segis is but seven years old and is destined to be a bull of considerable renoun, being now at the head of the herds of Getzelman and Haeger of Illinois. One of these cows Uneeda Korndyke Agnes, a 17-lb two-year-old daughter of Uneeda Dolly Korndyke, a 23-lb. cow brought $500. She was purchased by T. E. Getzelman, Hampshire, Ill., for $500. She is a cow of large square udder and immense capacity, an excellent show animal. The other cow, Uneeda Korndyke Daffy was obtained by R. E. Haeger, Algonquin, Ill. for $325. The bull, King Colanthus De Kol Segis, a truly magnificent individual, went to Geo. H. Sayre & Ed. W. Felbel, Jefferson, Wis., where he will be neighbor to Anthes Bros., who own more of the daughters of Johanna McKinley Segis than any other breeder. These daughters are not for sale at any price.

Sixteen animals from the herd of N. E. Gatzert, Libertyville, Ill. were dispersed at an average of $243. Mr. Gatzert's herd sire, Sir Ormsby Pontiac Korndyke, a son of Pontiac Korndyke and out of Pearl Ormsby, a 22-lb. cow brought the top price of the sale, $1,100 going to T. E. Getzelman. This animal is but three years old and will undoubtedly prove a grand, good investment at that price.

Other consignors were M. E. Hoffman, Bassett, Wis., C. B. Rutherford, Lake Mills, Wis., Milan W. Demerit, Lake Mills, Wis., S. W Favill, Lake Mills, Wis., John Hetts, Ft. Atkinson, Wis., Wm. Everson & Sons, Lake Mills, Wis., Enoch J Fargo, Lake Mills, Wis., and Frank B. Fargo, Lake Mills, Wis. The Favill consignment averaged $225 the Everson consignment $224 and the Frank B. Fargo consignment $218. We must give special mention of one cow, Ivy Ormsby De Kol, of Frank B. Fargo's consignment. This cow, five years old, a granddaughter of Pontiac Butter Boy, and having a 19.39-lb. four-year-old record sold to R. E. Haeger for $975. And say, she was just all cow, every inch a show animal. We do not recall having ever seen a finer cow. Her udder was immense, firmly attached, square, level on the bottom with splendid teats. She won the admiration of all the breeders. Mr. Fargo said she would not be in the sale except that he had 20 more just like her. Her one-day-old heifer calf went to Dr. H. B. Favill for $325.

(Continued fr om page 883.)

CONSIGNED BY S. P. STEVENS, BARTLETT, ILL.

Stevens Sir Sadie Segis, 1 y, T. M. Smith, Auburn, Ill.	85
Stevens Sir Vale, 9 m, John Hetts, Ft. Atkinson, Wis.	135
Stevens Sir Concordia Sadie, 6 m, T. E. Getzelman, Hampshire, Ill.	50

CONSIGNED BY S. D. TODD, DUNDEE, ILL.

Cary Inka De Kol 2d, 1 y, A. D. Cornue, Hebron, Ill.	105
Lake View Corona Mercedes, A. D. Cornue, Hebron, Ill.	105
Viola Ruth, 1 y, A. D. Cornue, Hebron, Ill.	105
Lake View Kaska, A. D. Cornue, Hebron, Ill.	90
Canary Jewel Gem, 1 y, Jules Baron, Pevely, Mo.	185
Canary Breeze De Kol, 2 y, A. D. Cornue, Hebron, Ill.	145

CONSIGNED BY B. L. THOMAS, WOODSTOCK, ILLINOIS.

Ingelside Ethel Spofford, 3 y, R. E. Corlett, Harvard, Ill.	170
Dolly Segis, 10 m, Fred Turner, Hebron, Ill.	110
Piebe Kaan Segis, 9 m, Fred Turner, Hebron, Ill.	120
Piebe Ingelside, 1 y, T. E. Getzelman, Hampshire, Ill.	165
Ingleside Good, 2 y, C. H. Nevens, Winnebago, Ill.	185
Dot Ingelside, 1 y, T. E. Getzelman, Hampshire, Ill.	150
Ingelside Lulu Johanna, 4 y, B. C. Hemphill, Dexter, Ia.	235
Lulu Johanna, 8 y, E. A. Wesson, Hebron, Ill.	230

CONSIGNED BY T. E. GETZELMAN, HAMPSHIRE ILLINOIS.

Segis Plum, 5 y, J. F. De Yarmond, Marengo, Ill.	450
Fairview Irene Korndyke, 1 y, G. E. Adamek, Algonquin, Ill.	400
Fairview Korndyke Matador, 3 y, Adamek & Bratzer, Algonquin, Ill.	250

CONSIGNED BY ADAMEK & BRATZLER, ALGONQUIN, ILLINOIS.

Dora Daisy 2d, 5 y, Wm. B. Roberts Bristol, Wis.	250
Beaulah Headlight, 3 y, E. J. Thomas, McHenry, Ill.	245
Drake Mechthilde Pride, 5 y Wm. G. Roberts, Union Grove, Wis.	125
Philpail Jessie Alcartra, 4 y, B. C. Hemphill, Dexter, Ia.	200

CONSIGNED BY GEO. E. VAN HAGEN, BARRINGTON, ILL.

Annie Aaggie De Kol, 9 y, Edson Cash	155
Tettje Soldene Tiona, 7 y, Jules Baron, Pevely, Mo.	180
Yekmadese 2d Pietertje De Kol, 5 y, Wm. G. Roberts, Union Grove.	180
Edna Colantha, 8 y, John Dehmlow, Algonquin, Ill.	310
Wakefield Sir Dione Ilona, 1 y, B. C. Hamphill, Dexter, Ia.	90
Lakefield Sir Inka Dione, 1 y, Ed. Riley, Barrington, Ill.	60
Wakefield King Colantha, 1 y, Edwin Wallace, Woodstock, Ill.	50
90 head brought	$ 17,240
Average	194

NEW ADVERTISEMENTS

Forty choice young cows to select from, also a lot of bulls. Write Geo F. Blewer, Est., Newark Valley, New York.

Seventy-five tuberculin-tested, registered animals will be sold at Fred Bachman's Second Public Sale, Nov 20th at Azalia, Mich. Read the ad and send for a catalog.

W. H. Horstmann, Schenectady, N. Y., announces the consignment of 10 head of females to the Liverpool Sale and Pedigree Company's Sale for Dec. 2 and 3.

King Segis Pontiac Polkadot is full brother in blood to the $10,000 bull King Segis Pontiac Alcartra. For bulls nearly ready for service from the best of breeding, write F. J. Bristol & Sons Co., Oakfield, Wis.

For a son of Pontiac Korndyke or Rag Apple Korndyke 8th and out of a 20 to 33.75 lb. cow, address E. H. Dollar, Heuvelton, N. Y. This is a last chance to get a son of Pontiac Korndyke.

A son of the great bull ,Johanna McKinley Segis is offered for $100. Bull is nearly a year old. A great opportunity for someone needing foundation stuff. Write Henry Anthes, Jefferson, Wis.

Auction sale of 50 head at Orrville, Ohio, Nov. 6th. Cows sired by and in calf to King Pontiac of Brookside. two daughters above 80 lbs. milk. A plenty of excellent breeding. Everything tuberculin tested and guaranteed. Don't fail to attend.

Two sons of King Lyons for sale. King Lyons is son of a 35-lb. bull and his seven nearest dams average 30.26 lbs. Send for pedigree if interested. Also a few other choice bred bulls. Address, H. A. Moyer, Syracuse, N Y.

For a foundation cow buy Jesse Veeman B 2nd with a record of 23 lbs. butter in a week and 96 lbs. milk in one day. Due to freshen soon by King Pontiac Artis' Son. Price given in ad. Address, J. D. Hagan, Mannsville, N. Y.

And isn't a son of Segis Lyons and out of Clothilde Pietje, with a record of 15 lbs. as a junior 2-yr-old cheap at $100. Calf is light colored and a dandy. Also a three-year-old from a 26-lb. four-year-old cow, Ad-

dress, John J. Walrath, East Springfield, N. Y.

The Second Public Sale at Waterloo, Ia., will be held Nov. 17 and 18. All will remember the unusually fine quality of the offering last year and the general satisfaction of everybody who attended. That this sale will be as good or better can be determined from the offerings metioned in the ad. The sale barn is heated. Send for a catalog mentioning the World.

Breeders' Bulletin Board

THE FRED BACHMAN SALE

Editor the World:

The Fred Bachman Sale, advertised in this issue, ought to add to the reputation of the Black and White breed in Michigan, which has long been prominent as a Holstein-Friesian State. The Bachman offerings are young and include a large number of promising heifers that cannot fail to grow into money for the purchaser.

E. M. HASTINGS.

Lacona, N. Y., Oct. 20, 1913.

CONCERNING THE HERD REGISTER

Editor the World:

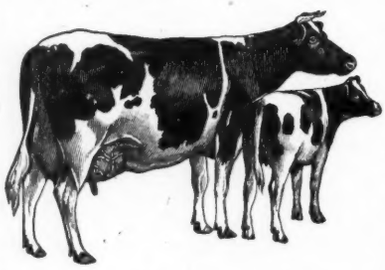
Inasmuch as George S. Bigelow, Chicago, Ill., gave us an order for a Herd Register containing pedigrees of the animals in his herd, as the result of an advertisement that he saw in the Holstein-Friesian World, it is only proper that we quote from a letter just received from him, in which he expressed his approval of the Herd Register. He writes: "It is certainly gotten up very nicely, and I appreciate having it, as it is full of information that is very valuable. I spoke to Mr. T. A. Stevens to-day, and he is going to send you an order for a herd book similar to the one I have."

It is worth mentioning also that as a result of our advertisement in the World, Carl H. Brugger, Fond du Lac, Wis., has sent us an order for a Herd Register containing pedigrees of all the animals in his herd.

The system is especially valuable because it can always be made to keep pace with the changes that are constantly occurring in a herd. As animals are sold their pedigrees can be removed and as animals are added to the herd their pedigrees can be obtained on the shortest notice and immediately inserted in the loose-leaf book. We can thus do a large part of the work for which a breeder would otherwise have to depend on his bookkeeper; while our up-to-date equipment enables us to supply the information for these pedigrees not available from any other source.

Incidentally it may be added as an illustration of the utility of the Herd Register idea that a telephone order just received from Henry Stevens & Son gives us the names of ten recent additions to their herd, for which Herd Register pedigrees are required.

Colorado Board of Health and Holstein Cows' Milk



The Colorado State Board of Health recently issued an article on babies containing the following:

"In regard to cow's milk, the public naturally wish to get the worth of their money, and a minimum standard of butter-fat should be maintained; yet it appears to be true that very rich Jersey milk is more liable to cause constipation and other gastroenteric disturbances than milk poorer in fat, say of the Holstein breed.

"Pediatrists generally seem to have come to this conclusion."

Experts are agreed that the quantity, the quality and the form of the fat in Holstein Milk make it easier to digest and that milk from a strong, healthy cow like the Holstein is safer and more vitalizing than that of small delicate breeds.

Send for our free literature, containing the opinions of specialists.

HOLSTEIN-FRIESIAN ASSOCIATION

BOX 182 BRATTLEBORO, VT.

MOOIE DOUGLASS 85711. (26.05)
A daughter of Mooie Mutual De Kol and Pet Douglass 2d. Six generations removed from the imported bull Mooie. Owner, Ezra Holbert, Lake, N. Y.

Hamilton Stock Farms

The only three generations of cows in the world, that have each made over 31½ lbs. butter in 7 days were bred, raised and developed here.

Bull calves for sale with more 30-lb. dams in their pedigrees than in any other herd in the world.

HAMILTON STOCK FARMS, HAMILTON, N. Y.

A. A. HARTSHORN, Prop. I. U. SCOTT, Mgr.

The three sets of pedigree charts for these animals will be available in a day's time and the next prospective purchaser at the Stevens Farm can thus get complete information concerning any of the animals that may be offered him there.

Very truly yours,
E. M. HASTINGS,
Lacona, N. Y., Oct. 22, 1913.

THE DAVIS AND MARKS HOLSTEIN-FRIESIAN SALE

The complete dispersal of the H. C. Davis Holstein-Friesian Herd at Granger, Wash., on November 24, to next week's issue of the World, is an which a full page will be devoted in event of so much importance that every dairy farmer, who is ambitious to breed improved cattle, should plan to be present if possible. Heretofore buyers of the best animals of this breed have found it necessary to make their purchases in the East, at considerable risk and heavy expense for transportation, but this sale will be made up of better animals individually and in breeding than were ever offered before in the dispersal of an entire herd in the East or West or anywhere else.

As announced, the sale will include a consignment from the E. D. Marks Herd, thus providing a sufficient number of animals to attract buyers from a distance. Both herds have long been prominent, and in respect to official butter records and show ring awards, are among the best in the West. Messrs. Davis and Marks are wholesouled, aggressive, thorough-going breeders, men of the sort who do things right, and with whom it is always a pleasure to deal.

The dispersal of the Davis Herd will place on the market a class of animals not usually for sale at any price. In this herd are several groups of sisters, daughters of a number of high class sires that would constitute the finest kind of material for foundation purposes for newly established herds. The 20 daughters of Model Annie De Kol Segis, the 11 daughters of Annie De Kol Lakeside Model, the 10 daughters of Sir Ormsby Burke Segis, the 5 daughters of Count Heeringa, and the 3 daughters of Sir Pietertje Lyons Hengerveld, are groups of which would lend character to a herd, and are of immeasurable value as a breeding proposition.

A good illustration of the quality of the Davis Herd is in the remarkable records lately made by its members during the hot weather of the late summer and early fall. Mr. Davis reports for one cow over 26 lbs. butter in 7 days, her best day's milk being 90.1 lbs.; another at 3 yrs., 1 mo. old, only 10½ months after calving for the first time, and never entirely dry, has made a record of over 25 lbs.; still another has 35 lbs. to her credit, and a 3-yr.-old at time of writing was making at the rate of 20 lbs. of butter a week, while a senior yearling was already close to the 16-lb. mark. Mr. Davis' letter advising of these records, containing the significant comment: "Too many flies and extremely hot for time of year," but the figures given assuredly require no apology.

To risk animals of their intrinsic worth to the uncertain chances of a public sale would not have been thought of a few years ago, but so well established are present day standards of Holstein-Friesian values that animals of this breed are now generally recognized as a safe and profitable form of investment. Nevertheless the exceptional character of the animals comprising this sale will make it ncessary that the highest marks of other western sales be eclipsed or some of the animals will sell far below their worth. The success of the sale will mean much for the upbuilding of Holstein-Friesian interests on the Coast, and if this event is given the support which its promoters are expecting, every owner of Holstein-Friesians in the West will be benefitted.

It is hardly necessary for me to

Make Money With Poultry

AMERICAN POULTRY is a magazine devoted entirely to helping earnest men and women make a financial success of poultry raising. Its staff of writers is composed entirely of those who have made a practical, instead of theoretical, success of poultry farming, and who are glad to pass on the results of their hard earned experience to AMERICAN POULTRY readers.

There are many pit-falls in the path of the novice which may be entirely avoided by those who will follow the teachings set forth in this magazine. It fully explains how to make a start, how to construct houses, coops, and other devices, how to get a large egg yield, how to cure and prevent disease, how to exhibit, how to get the top price for eggs, how to use incubators and hundreds of other points which everyone wishes to know. It explains the famous secret system through which poultrymen have become rich and afterwards sold for hundreds of dollars.

AMERICAN POULTRY is a large, handsomely illustrated, monthly journal, well printed on fine paper, and should be found on file in the home of every poultry lover. No beginner in the poultry business should think of being without it. It will save him many times the small subscription price. The advanced poultryman will also find it of great value; the articles being varied in their scope.

SPECIAL OFFER. The regular price of AMERICAN POULTRY is 50c per year, but in order to introduce it to several thousand new readers, we will, for a short time, give a large 200-page poultry book, which is a complete guide in the poultry business, **absolutely free** to everyone sending 50c for a yearly subscription or $1.00 for a three year subscription to AMERICAN POULTRY. A trial six month's subscription (without book) will be sent for 25c. Never has so much been offered for so small a sum. Advantage of this offer should be taken at once.

AMERICAN POULTRY
Savoy Building. WILKES-BARRE, PA

Bonalevo Farm Holsteins

ARE BRED FOR
PERSISTENT PROFITABLE PRODUCTION

combined with good Individuality.

We have a limited number of bull calves that will be old enough for light service this winter.

Write for charts and prices.

BONALEVO FARMS
R. E. CHAPIN & SON, BATAVIA, N. Y

Auction Sale

at the Wyre and Rudy barn, Orville, Ohio, Nov. 6, 1913. 50 head, cows and bulls. Cows, sired by and in calf to **King Pontiac of Brookside No. 55635.** Two daughters above 80 lbs. milk. 7 A. R. O. daughters. Daughters of and cows in calf to **Orrville Johanna Pontiac Champion, No. 67964,** whose dam has a semi-official record of 919.28 lbs. butter. All cattle tuberculin-tested and guaranteed for 60 days.

Hursh & Royer
ORRVILLE, O.

GRAHAMHOLM HERD HOLSTEIN-FRIESIANS.

Home of **Aaggie Cornucopia Johanna Lad, Jr., 36974.** The greatest prize winner and sire of prize winners of any bull of the breed. He has 36 A. R. O. daughters. We have several sons of this noted bull for sale—some old enough for service—all from choice A. R. O. cows.

We also offer **Sir Winana Beets Segis 52927,** a son of King Segis and a 24-lb. daughter of Paul Beets De Kol; and a very choice two-year-old grandson of King Segis.

Address W. J. Boynton, Manager, Rochester, Minnesota.

Individual Farmers and Clubs of Farmers

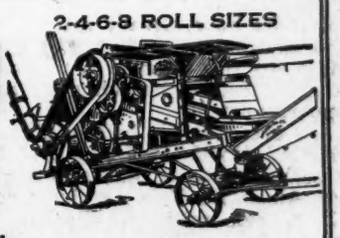
make this machine earn its cost in one season—doing their husking and shredding at their convenience and doing neighborhood work—Sold on trial to responsible parties.

APPLETON CORN HUSKERS

are made in four sizes to suit the needs of all cutter head or shredder head—for 20 years the standard of clean work, capacity and long service. Thirty-two page illustrated booklet sent free. Write for it today.

APPLETON MFG. CO. 779 Fargo St., Batavia, Ill.

2-4-6-8 ROLL SIZES



FAIRVIEW FARMS HERD

STILL HAS

a few splendid young bulls sired by PONTIAC KORNDYKE, or RAG APPLE KORNDYKE 8TH, and out of cows with records from 20 pounds as two-year-olds, to 33.75 lbs. at full age. REMEMBER, the few sons of Pontiac Korndyke still in our herd are the last that will be for sale. Do you want one? LOOK UP THE RECORD OF HIS SONS AND SEE WHAT THEY ARE DOING AS SIRES. Pontiac Korndyke is the greatest producing sire of the breed that has ever lived, through his sons alone, and you know what his daughters have done.

E. H. DOLLAR **HEUVELTON, N. Y.**

point out that the sale holds out for the buyer immeasurably greater opportunity than is afforded by the ordinary combination or consignment sale. Mr. Davis has devoted years to the development of the herd which is now to be sold in its entirety, and a large proportion of the animals to be offered would not be for sale but for the fact that Mr. Davis is closing out all his cattle except the herd bulls, which are owned jointly by himself and Mr. Marks.

Of course the sale will constitute a meeting place for the progressive cattlemen of the West, and as such will prove of educational benefit to all who attend whether for the purpose of buying or not. It is to be hoped that a goodly number of your readers will decide to avail themselves of the advantages offered by this greatest Holstein Sale of the season.

E. M. HASTINGS.

Lacona, N. Y., Oct. 27, 1913.

WORD FROM E. A. POWELL

It was with deep regret that I learned of the intentions of Mr. H. B. Davis of North Yakima, Washington, to sell at Public Auction his entire herd of splendid Holstein-Friesian cattle. I have watched with much interest the career of Mr. Davis as a breeder. Most of his herd was selected at Lakeside. He was cautious and painstaking in his selections, choosing only superior animals.

In the selection of sires with which to head his herd he exercised the utmost caution and care, as well as good judgment. Results have demonstrated the wisdom of his choice.

His first selection as the head of his herd was Annie De Kol Lakeside Model, a son of Annie De Kol Butter Girl 31.31 lbs. butter in 7 days, 129.59 lbs. in 30 days, and he was a full brother to Annie De Kol Koningen 30.91 lbs. in 7 days, 111.18 lbs. in 30 days, an average for his dam and full sister of over 31 lbs. in 7 days, 120 lbs. in 30 days.

The daughters of this bull as two-year-olds have already made a splendid showing in their A. R. O. work. As a sire this splendid young bull has a great future, providing he has an opportunity.

To breed on his heifers Mr. Davis selected Model Annie De Kol Segis, a beautiful son of Lakeside King Segis Alban De Kol, the finest son of King Segis and from De Kol 2nd's Alban De Kol which cow carries two world's records for her age, and two world's records for cows of any age which had been continually in milk for the same length of time. The dam of this youngster was Annie De Kol Koningen 30.91 lbs. in 7 days, and her dam Annie De Kol Butter Girl 31.31 lbs. as given above.

These bulls are not only backed by great records for butter, but they are from one of the best show ring families of the breed. The dam of the older bull has been a prize winner at the New York State Fair for the last four successive years. Two of her sons won first this year as produce of cow, one of them Annie De Kol Model King, won first as two-year-old, and reserve champion in aged bulls. The other Model Segis Butter Boy won first in class of grand youngsters, championship over all bulls under two years of age and reserve grand championship over all ages.

Lakeside King Segis Alban De Kol the sire of Model Annie De Kol Segis as a three-year-old won first in his class, championship over all bulls 2 years and over, and grand championship over all ages.

Probably no family so successfully combines better production and show ring qualities.

At the Davis Sale there will be an opportunity to secure daughters of these great bulls from large record dams, a rare chance for those who want to found or improve their herds.

E. A. POWELL, Syracuse, N. Y.

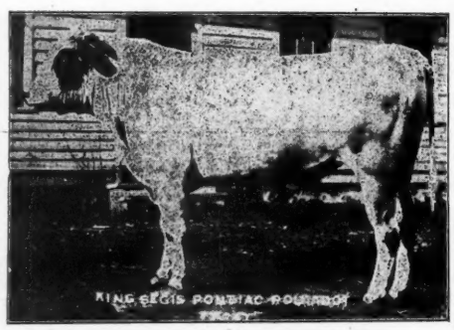
A GOOD BULL

Editor H.-F. World:

I wish to report the sale of one of the best young bulls that has ever left Fairview, to head the herd of Stewart Bros., Jamestown, Pa. Mr. Frank Stewart visited my herd after having inspected most of the largest herds in this part of the State, and selected this son of Pontiac Korndyke for his future sire.

The dam of this young bull is a 26-lb. four-year-old daughter of Pontiac Korndyke giving Mr. Stewart's young sire 75% of tre blood of Pontiac Korndyke. He was an extremely fine individual, seven-eights or more white and as straight as a line, and we believe the Messrs. Stewarts could not have done better in selecting this splendid young bull to place at the head of their herd. Few people perhaps, stop to consider the excellent results that are being obtained from the use of sons of Pontiac Korndyke as herd sires. One of his sons is the sire of the World's Record cow K. P. Pontiac Lass with a record of 44.15 lbs. in 7 days, and over 171 lbs. in 30 days. Another one is the sire of the Canadian Champion with a rec-

KING SEGIS PONTIAC POLKADOT, 75347

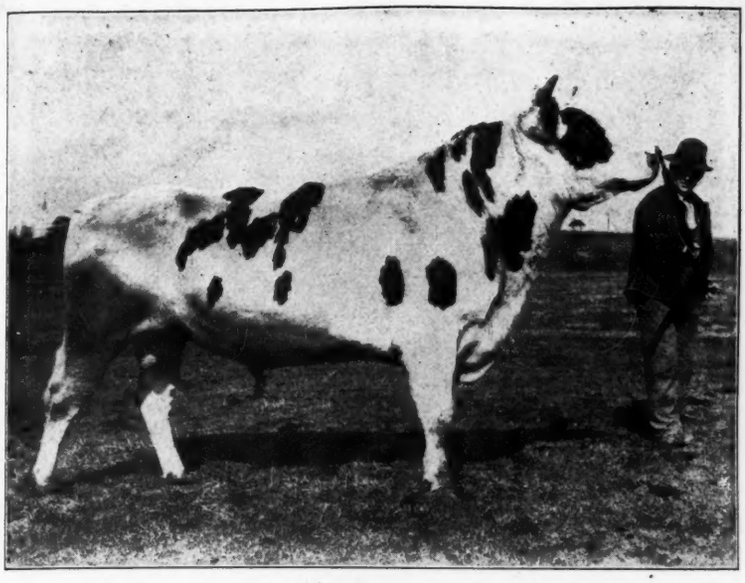


A Bull of $10,000 Quality

King Segis Pontiac Polkadot 75347, a full brother in blood to King Segis Pontiac Alcartra 79602, who sold at the Breeders Consignment Sale at Syracuse, N. Y., in June, 1910, for $10,000 the highest price ever paid for a Holstein-Friesian bull at public auction, stands at the head of the Uneeda Korndyke herd of Holstein-Friesian cattle. Young bulls nearly ready for service from cows of the choicest of breeding now offered for sale. Write for pedigrees and prices.

Uneeda Korndyke Herd

F. J. Bristol & Sons Co. Oakfield, Wis.



KING LYONS 71155

Moyerdale Herd Sire the Successor of the Great King Segis

Moyerdale Farm, the home of the greatest producing cows of the Black and White breed.

Moyerdale Farm, the home of the great King Segis, the greatest 9 year old sire and grand sire of the breed. 82 officially tested daughters, 365 officially tested granddaughters, 447 officially tested daughters and granddaughters.

KING LYONS NO. 71155. BORN MARCH 23, 1910.

His first seven dams in the first four generations have seven-day records that average 30.26 lbs. each. **Sire, Colantha Johanna Champion 45674,** a son of **Colantha Fourth's Johanna.** Butter, 7 days, 35.22 lbs. Her sons have sired the following World Record Heifers:

Colantha Johanna Champion—the sire of:
Woodcrest Colantha Pietje, milk 20859.7 lbs. at one year, a World Record.

Colantha Johanna Lad, the sire of:
Dutchland Colantha Vale, a junior two-year-old, milk 22,750.2 lbs. one year, a World Record.
Dutchland Colantha Mona, a junior three-year-old, milk 22645.6, one year, a World Record.
Dutchland Changeling Colantha Lad, a junior three-year-old, butter 945.0 one year, a World Record.
What more could you ask of the sons of any one cow.

The dams of the following 30-lb. cows appear in the breeding of King Lyons:

Grace Fayne 2nd Homestead	33.55	Betty Lyons Netherland	34.71
Colantha 4th Johanna	35.22	Blanche Lyons Netherland	34.36

By request I will be pleased to send you by mail a large sized, beautifully gotten up tabulated pedigree, printed on linen back paper showing photographs of the great ancestors which are contained in the breeding of King Lyons.

Only two sons of King Lyons are left for sale, a few other choice bred bull calves.

H. A. MOYER, Syracuse, N. Y. **WM. B. SIMPSON, Supt.**

ord of 37.73 in 7 days. In fact nearly every herd that you find using a son of Pontiac Korndyke are producing record-breakers with their offspring. Pontiac Korndyke is dead, but in the years to come, breeders will begin to see that he was the greatest producing bull that ever lived, through his sons, alone and the work of his daughters will speak for itself.

Yours very truly,
E. H. DOLLAR.

An Evening Song

As the shades of night draw round us,
And the golden daylight fades,
May thine arms of love surround us,
Guide us thro' its deepening shades.

May our hearts be strong and cheerful,
All the toils of life to bear;
Always trusting, never fearful,
Truth and right to do and dare.

But should sorrows overtake us,
And our trials weigh us down,
May thy presence ne'er forsake us,
May thy love our sorrows drown.

M. M. JONES.

NUGGETS

Digestibility is the most important quality of any food.

* * *

You wouldn' believe it, but a person can fairly make time if he has speed enough.

Experience is a stern teacher but it is a sure road to success if you survive the getting of it.

75 -- Young Registered Holsteins -- 75

TUBERCULIN TESTED

These comprise tre offerings in **Fred Bachman's Second Public Sale,** Azalia, Mich., Nov. 20, 1913.

In the Sale will be:

Forty beautiful heifer calves, many of these sired by a grand son of Colantha Johanna Lad.

Fifteen splendid yearlings and ten two-year-olds, all soon due to fresh-en, and the most of them in calf by a double grandson of Woodcrest Pietje.

Several granddaughters of King of the Pontiacs, heavy in calf by a grandson of King of the Pontiacs—a strong King of the Pontiacs combination.

Sale will be held on the Bachman Farm, which can be reached from Milan on the Wabash also Ann Arbor R. R. Coming from the North on the morning of the Sale, get off at stop Alston, on the Ann Arbor, less than half mile from farm.

Send for catalog. Prescott, of theHastings Bureau, will manage the sale.

FRED BACHMAN **AZALIA, MICH.**

PENDELL HILL STOCK FARM

offers
TWO FINE BULL CALVES

No. 1. Born July 4, 1913. Mcre Black than White, Sire, Mercedes Hengerveld De Kol, a grandson of Hengerveld De Kol. Dam, South Valley Beryle Wayne 2d, Price $35.00 with papers.

No. 2. Born Aug. 22, 1913. Half white. Sire, Mercedes Hengerveld De Kol. Dam, Johanna Cornucopia Pender Pietje, whose dam is by the sire of the $10,000 bull, The Milk and Butter King. Price $50 with papers.

Write for photos and extended pedigrees to

F. F. MOULTON Whitney Point Broom County New York.

MAPLEMONT FARM

offers a bull calf, sired by **Pietje Alcartra Fayne** whose 4 nearest dams average over 31 lbs. of butter for 7 days and 124 lbs. for 30 days. The dam of this calf is a three-year-old granddaughter of **Hengerveld De Kol.** Butter, 7 days, 24.037 lbs., second dam a 24-lb. cow. This calf is ¾ white, beautifully marked, straight as a line. The first check for $200 buys him. tf

J. W. Prentiss & Son Alstead, N. H.

Grandsons of Pontiac Korndyke

All from A. R. O. dams.

Write for pedigrees, photographs and prices to

HARTWOOD FARMS,

E. K. Magee, Supt., Barrington, Ill.

OAK GROVE STOCK FARM

Offers for sale Holstein Bulls ready for service. Nicely marked. Sired by Johanna Bonheur 2d Segis, a grand son of Johanna Bonheur and Johanna De Kol Van Beers, the 40-lb. cow and King Segis backed with from 3 to 7 yearly records from 500 to 890 lbs. butter and every cow in their pedigree with 7 day records. And a few heifers.

Tompkins Wright, Waupun, Wis.

King Pontiac Portia 63895

Service fee $50.00 for a few accepted cows. Photo in H.-F. World, Aug. 30th. King of the Pontiacs has no better son. Write

C. C. FRIES & SON

Richland Center, Wis.

---

44 LB.—BLOOD—44 LB.

$150.00 buys a good, straight, fine-bred Pontiac bull, dark in color, born Jan. 10, 1913. Sire—our 25 lb. A. R. S. son of King of the Pontiacs. Dam—a Pontiac cow with semi-official record of 535.25 lbs. butter in 343 days, average test 3.86, at 3 years; 20.2 lbs. butter in 7 days at 4 years.

DR. M. W. DOWNING & BROTHER
Waukesha, Wis.

FOR SALE

A thoroughbred Holstein-Friesian cow, Jesse Vernon B 2nd, ten years old, record 96 lbs. milk in one day, 653.4 lbs. in seven days, 23 lbs. butter Due to freshen in November by King Pontiac Artis' Son. Price $200.00.

J. D. HAGAN,
Mannsville, Jefferson Co., New York

THE TRAVERSE HERD

BULL CALVES FOR SALE from ADMIRAL WALKER COLANTHA, whose four nearest dams average:—Butter, 7 days, 32.83 lbs.; 30 days, 131.85 lbs., and from TRAVERSE BELLE LAD, who is from a 30.115 lb. daughter of PONTIAC BUTTER BOY.

Fifty-two A .R. O. cows in herd, most of them daughters or granddaughters of Pontiac Butter Boy or Homestead Hengreveld Crown De Kol.

Write for pedigrees and prices.

TRAVERSE CITY STATE HOSPITAL,

Traverse City, Michigan.

VALLEY VIEW STOCK FARM

OFFERS FOR SALE young stock, both male and female.
Dam and sire's dam average 31.52 lbs. butter in 7 days.
For breeding and prices write

S. B. Taylor, Canastota, N. Y.

MARBLE VALLEY STOCK FARM

Offers bull calf born Feb. 24. Sire, **Fairview Korndyke Lad** a son of **Pontiac Korndyke** and **Pontiac Pet** (37.68). Dam, Beatrice Serida Korndyke, butter at two years 22.34, milk 388.9 per cent fat, 4.6.

Calf is evenly marked and a fine individual.

The records of his dam, sire's dam and three of her sisters average 34.29 lbs. Price $325 delivered at your station.

J. H. MEAD & SON, WEST RUTLAND, VT.

NORWICH STOCK FARM

Send your orders where you can get WORLD'S RECORD QUALITY —either male or female—at reasonable prices.

Just one BULL CALF left that is a cousin of the 44.15-lb. Cow.

A brother of her heads my herd.

R. C. WELLS, NORWICH, N. Y.

POLLED HOLSTEIN-FRIESIANS

THE ONLY HERD OF NATURALLY HORNLESS, PURE-BRED HOLSTEIN-FRIESIANS IN THE WORLD. Registered in the Herd Books of the Holstein-Friesian Association of America. Headed by the only naturally polled Holstein-Friesian bull ever sold in a public sale, PIETJE ORMSBY SEGIS BURKE, NO. 88771, bought at the mid-winter sale at Syracuse, N. Y., January, 1912. All of this bull's calves to date, eight in number, have been naturally hornless. Polled Holstein-Friesians were first recognized in Vol. 3, Bulls, page 28, March, 1887 and admitted to registration.

A March bull calf sired by bull, Pietje Ormsby Segis Burke, out of a granddaughter of Hengerveld De Kol with an A. R. O. record at three years of 18.78 pounds. Price at any time before September 1st, $150. One other calf A. R. O. dam at 3 years, 17.07 lbs., $100.

Do not saw, cut or burn the horns off, breed them off.

GEO. E. STEVENSON & SONS, Waverly, Penna.

44.152 in 7 days. 171.49 in 30 days.

SPRING FARM HERD

Home of the world's champions. The place where you can buy more of the blood of the world's champion cow than in any other herd in the world. Choice bulls sired by her three-fourth brother, Spring Farm King Pontiac, here out of the great cow Tweede White Lady, 37.45 in 7 days; 149.928 in 30 days; 278.40 in 60 days; 391.11 in 90 days; 425.20 in 100 days and in test for a year. He is the best son of King of the Pontiacs, I have 26 of his daughters, Stevens Brothers will have more.

208.877 in 60 days. Still in test for 90 days.

FRANCIS M. JONES, Clinton, Oneida Co., N. Y.

BULL CALF FOR SALE

Born Feb. 15, 1913. Sired by Segis Lyons No. 84592. Dam Aaggie Clothilde Pietje. A. R. O. at two years, 1 month, 15 lbs. butter. Mostly white, straight back, large barrel. A very fine individual. Price $100.

A three-year-old out of 26-lb. four-year-old; also a month-old calf from a 23-lb. three-year-old. Write for photos and pedigrees.

John J. Walrath

East Springfield : : : : New York

MAPLECREST FARM

Makes

Great Showing

With animals that were bred, reared and developed at Maplecrest Farm, we won as many first prizes, for last year's work as any other two breeders or firms combined.

Of the Prize-winning cows that stand at the head in the various A. R. O. and semi-official classes, Maplecrest Farm has bred, reared and developed as many as any other three breeders or firms combined.

None but great cows and wonderful sires can produce results like these.

A few choice bull calves, that carry about 75 per cent. the same blood as the Champion Cow of the World and the three cows whose combined yearly records are unequalled, for sale. Write for prices.

Maplecrest Farm

DAN DIMMICK & BRO., Propietors

OFFICE AT Kalamazoo, Mich. | Phone Connection Between Farms and Office | FARMS AT East Claridon, O.

Kindly address all Correspondence to Kalamazoo, Michigan

Iowa Holstein-Friesian Breeders Sale Co.

Second Public Sale, Waterloo, Iowa.

NOVEMBER 17th AND 18th

150 --- Holstein-Friesian Cows, Heifers and Bulls --- 150

A. R. O. Cows with records running as high as 618 lbs. butter in one year. Other excellent records. Sisters of 30 and 35-lb. cows. The cows carry some of the most popular strains of blood and are bred to such bulls as:

King Segis Pontiac Manor, whose dam—a daughter of King of the Pontiacs—holds the world's two-year-old yearly record and is a sister to K. P. Pontiac Lass, the world's record 44-lb. cow.

Sir Segis Cornucopia, a son of Sadie Vale Concordia.

Aaggie Cornucopia Johanna Lad 7th, whose dam and sire's dam average 32.57 lbs. butter in 7 days.

Johanna Bonheur Champion, carrying the blood of Colantha 4th's Johanna.

Hengerveld King, a son of King Walker from a 28-lb. dam.

The sale will contain a herd that has been a winner in some of the largest shows of the season.

CONSIGNORS:

McKay Bros.	W. B. Barney	J. R. Thompson
R. B. Young	H. A. Smucker	W. A. Spear
C. A. Nelson	J. L. Mason	

Every animal in this sale has successfully passed the tuberculin test and can be shipped anywhere in the United States.

You will find what you want in this sale and you will be treated square.

Th sale will be held in a warm sale barn. Your comfort is assured no matter what the weather may be.

Write for catalogue, mentioning the World.

PERRY and MACK, AUCTIONEERS

Iowa Holstein-Friesian Breeders Sale Company

Waterloo, Iowa. Box, 365

THE 44-LB. RECORD OF HIS SEVEN-EIGHTHS SISTER is only one evidence of the quality of Spring Farm King Pontiac 6th. The 34-lb. record of his dam is another recommendation, and the 37-lb. record of his sire's dam is still another; but more important than these, extraordinary as they are, is the solid transmitting backing for which his pedigree, in the aggregate, stands.

The ancestors of SPRING FARM KING PONTIAC 6th, in the first four generations back of him, have produced:—

Thirty-pound cows to the number of 32
The sires or dams of thirty-pound cows to the number of 119

Spring Farm King Pontiac 6th
Born Dec. 12, 1911

- Spring Farm King Pontiac
  - King of the Pontiacs, 82 A. R. O. daughters, 27 A. R. O. sons.
    - Pontiac Korndyke, 79 A. R. O. daughters, 35 A. R. O. sons
    - Pontiac Lunde Hengerveld. 28.4 lb.
  - Tweede White Lady 37.45 lb.
    - Pietertje Tweede 2d's De Kol, 3 A. R. O. daughters, 1 A. R. O. son.
    - White Lady of Dellburn 2d.
- Tweede De Kol Lass 34.39 lb. Dam of K. P. Pontiac Lass: 44.18
  - Pietertje Tweede 2d's De Kol, 3 A. R. O. daughters, 1 A. R. O son
    - De Kol 2d's Butter Boy 3d. 113 A. R. O daughters, 73 A. R. O. sons
    - Pietertje Tweede 2d 19.4 lb.
  - Plum De Kol Lass 2d
    - Count De Kol Mechthilde, 2 A. R. O. daughters
    - Plum De Kol Lass 17.36 lb.

THE FOURTH GENERATION:—

Pontiac Korndyke has 11 daughters with records of 30 to 38 lbs. and 11 30-lb. granddaughters. Great through his sons and daughters both, he is one of the breed's pre-eminent sires as well as one of the most distinguished products of the Henry Stevens & Sons herd.

Pontiac Lunde Hengerveld is one of the 116 A. R. O. daughters of Hengerveld De Kol, and is thus a sister to eight 30-lb. cows, and to the sires and dams of ten 30-lb. cows. Hengerveld De Kol has more 20-lb. daughters than any other sire. He has 55 A. R. O. sons. Like Pontiac Korndyke and De Kol 2d's Butter Boy 3d, he is great through his sons and daughters both.

Pietertje Tweede 2d's De Kol, though limited to three tested daughters, is alone in having three such daughters as these—with records of 21, 34 and 37 lb.—and a 44-lb. granddaughter. It will be observed that he is one of the good sons of De Kol 2d's Butter boy 3d.

White Lady of Dellburn 2d, by a sire of Henry Stevens & Sons' breeding, and dam of a 37-lb. daughter, is one of the good cows never given an A. R. O. test. She comes of Hengerveld, Neptune and Netherland Statesman breeding.

De Kol 2d's Butter Boy 3d, with his 113 A. R. O. daughters (49 with records of 20 to 31.16 lb.), sixteen 30-lb. granddaughters, and 73 A. R. O. sons, is, beyond question, one of the greatest sires of the breed—one of the greatest that the breed can ever produce. The year's records of his daughters are extraordinary; and in every point that distinguishes a sire, he stands at the summit.

Pietertje Tweede 2d has three good record daughters. She was by Inka Princess' Pietertje Pledge, who has 16 A. R. O. daughters, three 30-lb. granddaughters, and at least four 30-lb. great-granddaughters. He represents some of the best of the earlier Brookside breeding.

Count De Kol Mechthilde, by Count Paul De Kol and from Mechthilde 4th's Princess, is backed by the ancestry that produced Lilith Pauline De Kol's Count and other noted sires.

Plum De Kol Lass, a cow of uncommon capacity and individual excellence, was one of the dozen daughters of the greatest sires of the breed through his sons—De Kol 2d's Butter Boy. Plum De Kol Lass is sister to the sires of 18 thirty-pound cows, also to the sire of the famous foundation cow, Prilly. Plum De Kol Lass is also full sister to the 25-lb. cow, Inka Woodcrest De Kol, the only cow in the world of whom it can be said that the year's records of herself and her four daughters average over 800 lb. butter and 19,000 lb. milk.

BROOKSIDE BREEDING:—

Of the eight animals comprising the fourth generation in this pedigree, five were bred or owned in the original Brookside Herd and two of the others were sired by Brookside bulls. Seven-eighths of the pedigree, therefore, is essentially Brookside breeding.

THE AIM of this advertisement is to emphasize:—

1. The fact that the excellence of Spring Farm King Pontiac 6th does not rest solely upon the extraordinary animals closest to him in pedigree, or upon the 44-lb. record of his seven-eighths sister.
2. The dependability of his ancestry on both sides in every line; and the solid wall of transmitting progenitors insuring his success as a sire.
3. The fact that he comes of Brookside breeding.

WE CAN ACCEPT a limited number of cows to breed to Spring Farm King Pontiac 6th at $200 (to insure a live calf). Come and see the bull,, or at least write for a pedigree.

Henry Stevens & Son

Brookside Stock Farm **Lacona, N. Y.**